

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/003,211A
Source: IFW16
Date Processed by STIC: 4/4/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

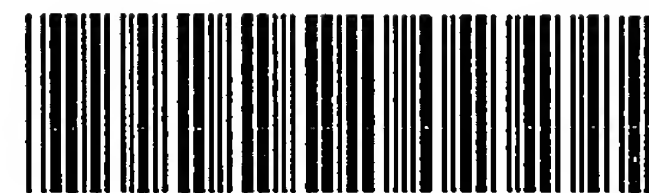
SUGGESTED CORRECTION

SERIAL NUMBER:

10/003,211A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 4 Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped
 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If **intentional**, please insert the following lines for **each** skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
 In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence. (see item 11 below)
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "**n**" can **only** represent a single nucleotide; "**Xaa**" can **only** represent a single amino acid



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/003,211A

DATE: 04/04/2006
TIME: 08:08:04

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\04042006\J003211A.raw

*see item 2 on
Err
/ summary
sheet*

3 <110> APPLICANT: Browning, Jeffrey et al.
6 <120> TITLE OF INVENTION: Soluble Lymphotoxin Beta Receptor and Anti-
Lymphotoxin Receptor and Ligand
7 Antibodies as Therapeutic Agents for the Treatment of Immunological
Diseases
10 <130> FILE REFERENCE: BGN-A013CN
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/003,211A
C--> 13 <141> CURRENT FILING DATE: 2001-10-31
15 <150> PRIOR APPLICATION NUMBER: PCT/US97/19436
16 <151> PRIOR FILING DATE: 1997-10-24
18 <150> PRIOR APPLICATION NUMBER: 60/029,060
19 <151> PRIOR FILING DATE: 1996-10-25
21 <160> NUMBER OF SEQ ID NOS: 3
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0

pp 1, 3-6

ERRORED SEQUENCES

**Does Not Comply
Corrected Diskette Needed**

*see
p. 3*

25 <210> SEQ ID NO: 1
26 <211> LENGTH: 197
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo Sapien
30 <400> SEQUENCE: 1
31 Ser Gln Pro Gln Ala Val Pro Pro Tyr Ala Ser Glu Asn Gln Thr Cys
32 1 5 10 15
33 Arg Asp Gln Glu Lys Glu Tyr Tyr Glu Pro Gln His Arg Ile Cys Cys
34 20 25 30
35 Ser Arg Cys Pro Pro Gly Thr Tyr Val Ser Ala Lys Cys Ser Arg Ile
36 35 40 45
37 Arg Asp Thr Val Cys Ala Thr Cys Ala Glu Asn Ser Tyr Asn Glu His
38 50 55 60
39 Trp Asn Tyr Leu Thr Ile Cys Gln Leu Cys Arg Pro Cys Asp Pro Val
40 65 70 75 80
41 Met Gly Leu Glu Glu Ile Ala Pro Cys Thr Ser Lys Arg Lys Thr Gln
42 85 90 95
43 Cys Arg Cys Gln Pro Gly Met Phe Cys Ala Ala Trp Ala Leu Glu Cys
44 100 105 110
45 Thr His Cys Glu Leu Leu Ser Asp Cys Pro Pro Gly Thr Glu Ala Glu
46 115 120 125
47 Leu Lys Asp Glu Val Gly Lys Gly Asn Asn His Cys Val Pro Cys Lys
48 130 135 140
49 Ala Gly His Phe Gln Asn Thr Ser Ser Pro Ser Ala Arg Cys Gln Pro
50 145 150 155 160
51 His Thr Arg Cys Glu Asn Gln Gly Leu Val Glu Ala Ala Pro Gly Thr

52

165

170

175

RAW SEQUENCE LISTING

DATE: 04/04/2006

PATENT APPLICATION: US/10/003,211A

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Input Set : A:\PTO.RJ.txt

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53	Ala	Gln	Ser	Asp	Thr	Thr	Cys	Lys	Asn	Pro	Leu	Glu	Pro	Leu	Pro	Pro
54				180					185					190		
E--> 55	Glu	Met	Ser	Gly	Thr											
56			195													

invalid amino acid designator

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SEQUENCE LISTING

<110> Browning, Jeffrey et al.

replace with
↓
<120> Soluble Lymphotoxin Beta Receptor and Anti-Lymphotoxin Receptor and Ligand Antibodies as Therapeutic Agents for the Treatment of Immunological Diseases

<130> BGN-A013CN

<1507 <140> 09/299, 139

<1517 <141> 1999-04-23

These are prior data.

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5

<210> 2
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 2
AACTGCAGCG GCCGCCATGC GCCTGCCC 28

use lower-case letters for nucleotides

same error in sequence 3

6

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/003,211A

DATE: 04/04/2006
TIME: 08:08:05

FyI

Input Set : A:\PTO.RJ.txt
Output Set: N:\CRF4\04042006\J003211A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/003,211A

DATE: 04/04/2006

TIME: 08:08:05

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\04042006\J003211A.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:55 M:333 E: Wrong sequence grouping, Amino acids not in groups!

L:55 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1

L:69 M:112 C: (48) String data converted to lower case,

L:80 M:112 C: (48) String data converted to lower case,